



THE UNIVERSITY
OF ILLINOIS
LIBRARY

580.5
FB
v. 4

BIOLOGY

NATURAL HISTORY

Return this book on or before the
Latest Date stamped below. A
charge is made on all overdue
books.

U. of I. Library

NOV 11 1940
DEC 16 1940

27

Dec 1, 1947

DEC 27 1949

Feb 15 1951

JUN 28 1966

JUL 7 1966

JAN 23 1967

FEB 13 1967

FEB 24 1968

MAY 30 1970





PUBLICATIONS
OF
FIELD MUSEUM OF NATURAL
HISTORY

BOTANICAL SERIES

VOLUME IV

THE LIBRARY OF THE
JUL 28 1930
UNIVERSITY OF ILLINOIS



CHICAGO, U. S. A.

1918-1929

PRINTED IN THE UNITED STATES OF AMERICA
BY FIELD MUSEUM PRESS

INDEX

Current names in roman type, synonyms in *italic*, new names in **bold-face** type.

- Aberemoa guianensis 172
odorata 172
pedunculata 172
peruviana 172
- Abrus precatorius 91
- Abutilon *jaliscanum* 229
 Purpusii 230
- Acacia *Callistemon* 309
 gracilis 309
 media 309
 melanoceras 150
 mollicula 309
 rubescens 309
 sesquijuga 309
 telensis 308
- Acaciopsis sesquijuga** 309
- Acalypha costaricensis 312
 lanceillae 312
- Acanthaceae 263, 324
- Acanthophlia** 14
Acanthoxanthium 14
 spinosum 14
- Acidodontium longifolium 133
- Aciotis *cordata* 175
 dysophylla 175
- Acrocryphaea Gardneri 134
 mexicana 356
- Acrostichum daneaefolium 144
- Adelobotrys 176
- Adenocalymna foveolatum 157
 verrucosum 323
- Adesmiae 173
- Adiantum 144
 petiolatum 144
 obliquum 144
 villosum 144
- Aechmea pubescens 147
- Aegiphila cephalophora** 156
Dappeana 156
- Alibertia myrciifolia 288
 Steinbachii 287
- Alismaceae 145
- Allamanda cathartica 155
- Allionia longipes** 204
 suffruticosa 204
- Allocarya 119
 congesta 119
 Cooperi 119
 Greenei 120, 121
 Kunthii 119
 microcarpa 119
 mollis 120
 pygmaea 119
- Almond Family 150
- Aloina calceolifolia 127
- Alseis **Eggersii** 264
- Alsophila microdonta 144
 tenerifrons 144
- Amaranthaceae 149
- Amaranthus gracilis** 149
- Amaryllidaceae 147, 199
- Amaryllis Family 147
- Amblyarrhena** 181, 182, 183
- Amblystegium varium 135
- Amerimnon cuscattanicum** 215
- Amphirrhox longifolia 236
- Amsinckiaopsis 122
- Amygdalaceae 150
- Amyris tecomaca** 27
- Anacardiaceae 220
- Anatto 153
 Family 153
- Anchusa Kunthii** 119
 pygmaea 119
- Andropogon bicornis 145
 brevifolius 145
 glomeratus 145
- Anemopaegma macrocarpa** 262
 punctulatum 263
- Anguria Dunlapii** 298
 longipedunculata 299
- Anisomeris *albicaulis* 293, 330
 angustifolia 330
 apodantha 293
 boliviiana 293
 brachypoda 293
 microloba 293
 paniculata 293
 peruviana 329
 Pringlei 293
 protracta 293
 rauwolfioides 292
- Anneslia belizensis** 309
 cruziana 212
 Deamii 309
 pubiflora 309
 Rekoi 308
 rubescens 309
 splendens 308
 tergemina 309
 Tonduzii 309
 yoroensis 309
 yucatanensis 309
- Annonaceae 149, 205
- Anoectangium Bechleriana** 130
 lineare 130
 platyphyllum 130, 138
- Anomobryum filiforme 133

- Cephaelis chiapensis* 295
dichroa 296
dolichophylla 334
domingensis 335
domingensis var. *Fuertesii* 335
guapilensis 295
gianensis 335
horridula 335
Kappleri 335
multiplex 335
oleandrella 334
phyllocalymma 336
sessilifolia 295
silvicola 336
spathicalyx 335
surinamensis 335
Cespedesia macrophylla 153
Chaenoleura 185, 187, 188, 189, 191
Chaetolepis nana 247
Chaelospora globosa 166
Chamaecrista macropoda 213
Chamaesyce 314
Chapirole 243
Chara "gymnopus" group 159
Hornemannii 159
Kenoyerii 159
Martiana 160, 161
Nordhoffiae 159
Rusbyana 160
sejuncta 160
Chimarrhis latifolia 265
parviflora 266
Chloranthaceae 200
Chloris virgata 145
Chloroleucon guatemalense 308
Langlassei 308
Chomelia angustifolia 330
brachypoda 293
microloba 293
Pringlei 293
Chrysophyllum panamense 155
Cissus biformifolia 225, 226
cardiophylla 226
rhombifolia 152
sicyoides 226
Citharexylum Berlandieri 257
hirtellum 257
Citron 213
Clastobryum americanum 135
Cleidion denticulatum 218
nicaraguense 218
Cleome aculeata 170
affinis 170
chilensis 169
diffusa 170
eosina 170
Figueriae 168
Hassleriana 170
Herrerae 169
limoneolens 169
longifolia 169
- Cleome microcarpa* 170
monochroma 169
Clibadium surinamense 158
Clidemia neglecta 155
Clitoria sericea 87, 214
Clubmoss Family 145
Clusia Cooperi 234
minor 153, 235
stenophylla 235
Clusiaceae 153, 234
Coccocloba anisophylla 303
australis 115
Browniana 304
floribunda 203
hirsuta 303
reflexiflora 203
sagittifolia 116
Wercklei 304
Coccocypselum hispidulum 281
pleiopodium 281
Cochlospermaceae 153
Cochlospermum Family 153
vitifolium 153
Coccolito 297
Codonanthe calcarata 157
Cojoba Tonduzii 308
Cola de pavo 223
Colicodendron 170
Coling 83
Coling Imbra 83
Coling Macho 83
Coloradito 234
Colubrina heteroneura 225
panamensis 225
rufa 225
Columellia Andrei 92
Mathewsii 93
sericea 93
subsessilis 63
Comarostaphylis costaricensis 320
Combretaceae 240
Commelinaceae 147
Compositae 158, 299
Condaminea breviflora 264
corymbosa 264
Connarus Lamberti 307
Popenoei 307
Conobea 114
Conostegia 245
caelestis 318
hirtella 246
jaliscana 245
micrantha 246
superba 246
Convolvulaceae 155
Cordia bicolor 156
ferruginea 156
sericalyx 156
Coscindontella 129
Bryani 129, 138

Cosmibuena paludicola 157
Cottonree Family 152
Couratari macrocarpa 239
 panamensis 239
Couroupita odoratissima 239
 parviflora 238
Coursetia 88
 fruticosa 88
Harmsii 89, 90
perplexans 88
polyphylla, 88, 89
tomentosa 88
Weberbaueri 89
Coussarea auriculata 330
euryphylla 294
hydrangeaefolia 331
longiacuminata 330
tenuiflora 331
Cracca 88, 89
arcuata 213
cuernavacana 87
diversifolia 87
heterantha 89
platyphylla 214
poliophylla 88
Pringlei 87
tepicana 214
texana 193
velutina 87
Watsoniana 87, 214
Cramanum 184, 185, 186, 187, 188
Crataegus 198
Crinum erubescens 147
Crossidium elatum 128, 137
Crossomitrium Herminieri 349, 358
Croton glabellus 210
 glandulosus 151
Crudia Choussyana 213
Cryphaea patens 135
Cryphaeaceae 356
Cryptantha 120
Cryptophysa 244
 setosa 244
Cuajada 257
Cucumis dipsaceus 122
Cucurbitaceae 298
Culin 83
Cupania asperula 223
 Cooperi 223
Cuphea salvadorensis 238
 Wrightii 154
Custard-apple Family 149
Cyathaceae 144
Cyclodictyon albicans 357
Cyperaceae 146, 165, 199
Cyperus luzulac 146
 Martianus 167
 rotundus 146
Schraderi 167
 simplex 146
Cypandomandra caudata 258

Cypandomandra heterophylla 156, 322
mollicella 322
Dalbergia Calderonii 311
cuscatlanica 215
ecastophyllum 150
Dalea 100
 astragalina 109
ayavacensis 86, 111
azurea 107
boliviiana 106
calliantha 108
calocalyx 104
coerulea 108, 110
cylindrica 112
elegans 109
enneaphylla 99
exilis 103
Hofstenii 108
humifusa 105
Kuntzei 112
leptostachya 99
longispicata 111
microphylla 103
Mutisii 108, 110
myriadenia 108
nova 110
onobrychiodes 109
Onobrychis 108
pazensis 108
pectinata 109
retusifolia 106
rubricaulis 112
samancensis 112
sericophylla 105
sulfurea 104
tapacariensis 109
trichocalyx 102
Weberbaueri 105
Dalechampia laevigata 312
Schottii 313
Dayflower Family 147
Dennstaedtia rubiginosa 144
Deppea erythrorhiza 269
 hameliooides 269
macrocarpa 268, 269
pubescens 269
Desmodium angustatum 214
 Painteri 214
pallidum
Robinsonii 214
Dialyanthera acuminata 209
 latialata 209
otoba 209
Dicentrae 173, 174
Dichromena 165, 166
 alba 166
 alta 166
blepharophora 166
brunnea 166
ciliata 166
dissitiflora 166

- Dichromena *glaucia* 166
globosa 166
Kukenthalii 167
Lechleri 167
macrochaeta 167
Mandonii 167
polyphylla 167
pulchella 167
radicans 167
Ruiziana 167
Ruiziana var. *triceps* 167
semivolvulata 167
umbraticola 167
Weberbaueri 167
Diclinanona 205
Dicranaceae 351
Dicranella apoloensis 125
Herminieri 351
Dicranodontium longisetum 125
Dicranopteris flexuosa 144
Dicraspidia 226
Donnell-Smithii 227
Dicranum Mittenii 125
paramicola 125
spiripes 125
Didymaea linearis 297
mexicana 297
Dillenia Family 152
Dilleniaceae 152, 233
Dioclea Wilsonii 310
Disciphania calocarpa 305
peltata 305
Discophora guianensis 223
panamensis 222
Dogbane Family 155
Dolicholus apoloensis 91
ixodes 214
Pittieri 214
Doliocarpus coriaceus 233
nicaraguensis 233
olivaceus 152
Dondia Fernaldii 203
mexicana 203
Dorita 215
Dryopteris gongyloides 144
serrata 144
sordida 144
Sprengelii 144
Duggena Whitei 280
Duguetia odorata 172
panamensis 207
pedunculata 172
peruviana 172
Dyschoriste oaxacensis 324
Dyssodia ciliosa 299
Echidiocarya 119, 122
Edera trifolia canadensis 56, 66
Elaeocarpaceae 152, 228
Elaeocarpus Family 152
Elaphrium longipedunculatum 217
Elaphrium Oerstedii 217
pubescens 217
quetarensis 217
Eleocharis variegata var. *laxiflora* 1
Eleutherine bulbosa 200
guatemalensis 200
Encalypta asperifolia 129
Entodon erythropus 135
Jamesoni 135
Entodontaceae 359
Ericaceae 320
Eriodon longipes 136, 139
Eritrichium humile var. *congestum* 1
Ernestia Sprucei 172
tenella 172
tenella var. *Sprucei* 172
Errazurizia multifoliolata 99
Eryngium foetidum 155
Erythrina costaricensis 310
glaucia 150
hondurensis 309
Erythrodontium longisetum 359
Escaramuza 211
Escobo 318
Esculcona 297
Espino blanco 292
Eugenia avicenniae 244
cricamolensis 242
lancillilae 317
Mexiae 243
pleurocarpa 243
sericifolia 154
Eumiconia 180, 181, 186
Euphorbia amphimalaca 313
heterophylla 151
Mexiae 220
siguatepequensis 313
Euphorbiaceae 151, 217, 312
Euphorbias 95
Euxanthium 15
Evea campyloneuroides 296
chiapensis 295
dichroa 296
guapilensis 295
Evening-primrose Family 155
Fabaceae 150
Fabronia andina 135
flavinervis 358
Jamesoni 135
Fabroniaceae 358
Facma 169
Faramea bullata 294
maynensis 333
phyllonomoides 332
stenura 331
talamancae 332
Ficus colubrinæ 148
involuta 148, 202
Lehmannii 202
Popenoei 301

Ficus Proctor-Cooperi 201
Filmy-fern Family 145
Fissidens asplenoides 350
 circinans 350
 crispus 135
 Donnellii 125
 filiformis 126, 137
 Kegelianus 126, 350
 oligophyllus 126
 repandus 126
 scalaris 126
Fissidentaceae 350
Flacourtie Family 153
Flacourtiaceae 153, 236, 316
Flavae 104
Flor de Mayo 199
Flor de piedra 237
Fregate mate 122
Fruta del diablo 254
Fuchsia decidua 248
 fulgens 248
Funaria acutifolia 132
 calvescens 132, 353
 epipedostegia 353
 Jamesoni 132
 macrospora 132
 megalostoma 132
 soratensis 132
 suberecta 132
Funariaceae 353
Funastrum clausum 155
Fusaea rhombipetala 172

Galegeae 88
Galium canescens 298
 limense 298
 pumilio 298
Gardenieae 328
Garlic wood 222
Gentian Family 155
Gentianaceae 155
Geophila pleiopoda 281
Geranium maculatum 198
Gesneria Family 157
Gesneriaceae 157
Gleichenia Family 144
Gleicheniaceae 144
Glicicidia Michelia 87
Goatwood 241
Gomphrena dispersa 149
Gonzalea asperula 280
 cornifolia 281
Gonzalagunia asperula 280
 cornifolia 281
 dependens 279
 discolor 279
 flexuosa 280
 Killipii 278
 rudis 280
 Whitei 280
Gouania eurycarpa 315
 polygama 315

Grape Family 152
Grass Family 145
Grimmia longirostris 129
Groundcherry 156
Guarea chiricana 215
 Donnell-Smithii 215
 microcarpa 215
Guarumo 148, 302
Guatteria aeruginosa 206
 amplifolia 207
 dolichopoda 149
hypoglaucha 207
juruensis 172
lucida 171
pachypetala 171
Rusbyi 171
scandens 171
Slateri 206
socialis 171
Guettarda albicaulis 293, 330
 aromatica 289
boliviiana 289
Burchelliana 289
crispiflora 291
malacophylla 290
ocoteaeifolia 291
odorata 290
paniculata 293
protracta 293
Rusbyi 290, 292
sabiceoides 291
Gustavia integrifolia 240
 nana 240
rhodantha 239
superba 240
Gynandropsis Herrerae 168
Gyroweisia obtusifolia 126

Habenaria alata 148
Haplodontium argentifolium 132
 Jamesoni 133
Hedyosmum callososerratum 201
 scaberimum 200
Heisteria longipes 149
Helicophyllaceae 356
Helicophyllum torquatum 356
Hemidictyum marginatum 144
Henriettea brunnescens 247
Henriettella densiflora 247
Hesperomeles cuneata 82
 ferruginea 82
 Fieldii 81
 oblonga 82
 pernettyoides 82
Hibiscus anisaster 230
 bifurcatus 152
 sororius 152
Hiedra 60
Hiedra maligna 60
Hierba de arlomo 220
Higginsia obovata 281
 verticillata 281

- Hillia Macbridei* 277
Hiraea faginea 151
Hoffmannia asperula 282, 283
 coronata 284
 dichroantha 283
 glabra 283, 284
 hondurensis 329
 Killipii 284
 Mathewsi 328
 obovata 281
 pauciflora 282
 triosteoides 281, 285
 verticillata 281
 vesiculifera 285
Holodiscus pachydiscus 210
Schaffneri 210
 velutinus 210
Holomitrium arboreum 352
Homalia glabella 357
Hookeriaceae 357
Huano negro 116
Huevo de gato 321
Hydrangea Family 150
 panamensis 150
Hydrangeaceae 150
Hymenophyllaceae 145
Hyophila Tortula 126, 353
Hyperbaena hondurensis 305
 panamensis 306
Hypericaceae 153
Hypnaceae 360
Hypopterygium Tamarisci 135

Icacinaceae 222
Icacorea granatensis 250
Herbert-Smithii 250
sanmartensis 250
Icaria 191
fictilis 191
Ichnanthus tenuis 145
Ilex berberidifolia 221
 occidentalis 221
panamensis 221
 vomitoria 221
Inga belizensis 307
Englesingii 211
 leptoloba 150
longifolia 212
Peckii 212
 punctata 150
Roussoviana 150
Ruiziana 150
speciosa 309
 spectabilis 150
Inkwood 325
Ipecacuanhae 95
Ipomoea batatas 155
Iridaceae 199
Isachne polygonoides 145
Isertia hypoleuca 278
parvifolia 278
Weberbaueri 277, 278

Isolepis arenaria 167
Isopterygium diminutivum 360
 miradoricum 360
Ixora Gleasonii 344
 laxiflora 345
 macrophylla 345

Jagua amarilla 266
Jussiaea natans 155

Karkinetron 114
Kyllinga nudiceps 199

Labiatae 257
Laceraria 180
Lacistema pedicellatum 200
Lacistemaee 200
Lappa canadensis 26
canadensis minori 26
Lappula 120
Lasiandra pleromoides 174
Lathyrus fruticosus 88
Leandra dichotoma 155
Lecythidaceae 238
Leersia hexandra 146
Leguminosae 211, 307
Leiphaimos albus 155
Lennea salvadorensis 213
Lepidopodium polytrichoides 357
Leptodontium gracile 126
 sulphurium var. *Motelayi* 353
Leptochilus nicotianaefolius 144
Leptochloa virgata 146
Leskeia gracillima 135
Leucobryaceae 352
Leucobryum antillarum 352
 giganteum 125
Palakowskyi 352
Leucoloma serrulatum 352
 tortellum 349, 352
Liatris scariosa f. *Benkei* 124
Licania platypus 150
Limoncillo 288
Lineata 90
Lippia ligustrina var. *Schulzii* 256
Lonchocarpus monospermus 311
Loosestrife Family 154
Loranthaceae 202
Lucuma calistophylla 252
 chiricana 251
 euryphyllea 252
 lucentifolia 251
 pentasperma 251
Lunania mexicana 317
piperoides 317
Lycianthes cuneata 260
 Pringlei 261
 Purpusii 322
 variifolia 259
 vulpina 321
Lycopodiaceae 145
Lycopodium dichotomum 145

- Lygitum Bangii* 271
Lythraceae 154, 238
- Machaerium amplum* 90
angustifolium 90
floribundum 90
latifolium 91
Pittieri 91
Schunkei 90
- Macrocentrum fasciculatum* var.
peruvianum 177
peruvianum 177
- Macrocneum glabrescens* 157
grandifolium 270
pastoense 270
pilosinervium 326
pubescens 270
rotundatum 269
- Macromitrium Podocarpi* 349, 355
serratulatum 132
- Madder Family* 157
- Mahonia longipes* 205
quinquefolia 205
- Malache chiapensis* 231
fulva 231
Maxonii 231
neptuefolia 231
Oreigiana 231
penduliflora 231
- Malagueto* 206
- Malagueto prieto* 207
- Malesherbia ardens* 117
cylindrostachya 92, 118
Galjufii 92, 118
haemantha 118
thyrsiflora 118
turbinea 118
- Malpighia Family* 151
- Malpighiaceae* 151
- Malvaceae* 152, 229, 315
- Malvaviscus Cuttleri* 315
- Mameicillo* 252
- Mameicillo blanco* 215
- Manettia asperifolia* 270
Bangii 271
calycosa 275
calycosa var. *latifolia* 275
congesta 274
corticifer 277
cryptantha 271
echitidea 276
hispida 270
Lehmmani 271, 272
modica 275
paniculata 273
Pearcei 276
peruviana 274
rivulorum 275
Schunkei 273
suratensis 276
thysanophora 275
tomentulosa 273
- Manettia vacillans* 272
veronicoides 272
- Mangle colorado* 234
- Marshallfieldia* 175
corallina 176
- Matayba ingaefolia* 224
- Matisia obliquifolia* 232
- Maxonia apifolia* 145
- Meesea Ulei* 349, 355
- Meeseaceae* 355
- Meibomia angustata* 214
Painteri 214
pallida 214
Robinsonii 214
- Melampodium divaricatum* 158
- Melananthus guatemalensis* 323
- Melastoma cordata* 175
- Melastomaceae* 155, 228, 244, 318
- Melastome Family* 155
- Meliaceae* 215
- Menispermaceae* 305
- Meriania* 176
speciosa 177
Weberbaueri 176
- Merianiae* 176
- Meteoriaceae* 356
- Meteoriopsis patula* 357
- Meteorium illecebrenum* 356
- Mexianthus* 198
- Miconia Adrieni* 180
alpina 188
asperrima 183
Aspiazui 190
brevis 188
bullata 189
capitellata 183
dichrophylla 189, 190
Duckei 180
flavescens 185
floribunda 182
fruticulosa 188
fulva 190
glaberrima 184
glaberrima var. *australis* 184
Griffissii 188
habrolepis 319
hamata 183
hirta 183
juruensis 180
lepidota 190
lilacina 185
Malatestae 181
micrantha 186
Miles-Morgani 184
modica 182
nectaria 190
nervosa 181
nervosa var. *mediana* 181
opacifolia 184
Ottikeri 185
peruviana 184

- Hillia Macbridei* 277
Hiraea faginea 151
Hoffmannia asperula 282, 283
 _{coronata} 284
 _{dichroantha} 283
 _{glabra} 283, 284
 _{hondurensis} 329
 _{Killipii} 284
 _{Mathewsi} 328
 _{ovovata} 281
 _{pauciflora} 282
 _{triosteoides} 281, 285
 _{verticillata} 281
 _{vesciculifera} 285
Holodiscus pachydiscus 210
 _{Schaffneri} 210
 _{velutinus} 210
Holomitrium arboreum 352
Homalia glabella 357
Hookeriaceae 357
Huano negro 116
Huevo de gato 321
Hydrangea Family 150
 _{panamensis} 150
Hydrangeaceae 150
Hymenophyllaceae 145
Hyophila Tortula 126, 353
Hyperbaena hondurensis 305
 _{panamensis} 306
Hypericaceae 153
Hypnaceae 360
Hypopterygium Tamarisci 135
- Iacacinaceae* 222
Icacorea granatensis 250
 _{Herbert-Smithii} 250
 _{sammartensis} 250
Icaria 191
 _{fistilis} 191
Ichnanthus tenuis 145
Ilex berberidifolia 221
 _{occidentalis} 221
 _{panamensis} 221
 _{vomitoria} 221
Inga belizensis 307
 _{Englesingii} 211
 _{leptoloba} 150
 _{longifolia} 212
 _{Peckii} 212
 _{punctata} 150
 _{Roussoviana} 150
 _{Ruiziana} 150
 _{speciosa} 309
 _{spectabilis} 150
Inkwood 325
Ipecacuanhae 95
Ipomoea batatas 155
Iridaceae 199
Isachne polygonoides 145
Isertia hypoleuca 278
 _{parvifolia} 278
 _{Weberbaueri} 277, 278
- Isolepis arenaria* 167
Isopterygium diminutivum 360
 _{miradoricum} 360
Ixora Gleasonii 344
 _{laxiflora} 345
 _{macrophylla} 345
- Jagua amarilla* 266
Jussiaea natans 155
- Karkinerton* 114
Kyllinga nudiceps 199
- Labiateae* 257
Laceraria 180
Lacistema pedicellatum 200
Lacicemaceae 200
Lappa canadensis 26
 _{canadensis minori} 26
Lappula 120
Lasiantha pleromoides 174
Lathyrus fruticosus 88
Leandra dichotoma 155
Lecythidaceae 238
Leersia hexandra 146
Leguminosae 211, 307
Leiphaimos albus 155
Lennea salvadorensis 213
Lepidopodium polytrichoides 357
Leptodontium gracile 126
 _{sulphurium} var. *Motelayi* 353
Leptochilus nicotianaefolius 144
Leptochloa virgata 146
Leskeia gracillima 135
Leucobryaceae 352
Leucobryum antillarum 352
 _{giganteum} 125
 _{Palakowskyi} 352
Leucoloma serrulatum 352
 _{tortillum} 349, 352
Liatris scariosa f. *Benkei* 124
Licania platypus 150
Limoncillo 288
Lineata 90
Lippia ligustrina var. *Schulzii* 256
Lonchocarpus monospermus 311
Loosestrife Family 154
Loranthaceae 202
Lucuma calistophylla 252
 _{chiricana} 251
 _{euryphylla} 252
 _{lucentifolia} 251
 _{pentasperma} 251
Lunania mexicana 317
 _{piperoides} 317
Lycianthes cuneata 260
 _{Pringlei} 261
 _{Purpusii} 322
 _{variifolia} 259
 _{vulpina} 321
Lycopodiaceae 145
Lycopodium dichotomum 145

- Lygistum Bangii* 271
Lythraceae 154, 238
- Machaerium amplum* 90
angustifolium 90
floribundum 90
latifolium 91
Pittieri 91
Schunkei 90
- Macrocentrum fasciculatum* var.
peruvianum 177
peruvianum 177
- Macrocneum glabrescens* 157
grandifolium 270
pastoense 270
pilosinervium 326
pubescens 270
rotundatum 269
- Macromitrium Podocarpi* 349, 355
serrulatum 132
- Madder Family* 157
- Mahonia longipes* 205
quinquefolia 205
- Malache chiapensis* 231
fulva 231
Maxonii 231
nepetaefolia 231
Ortegiana 231
penduliflora 231
- Malagueto* 206
Malagueto prieto 207
- Malesherbia ardens* 117
cylindrostachya 92, 118
Galufii 92, 118
haemantha 118
thyrsiflora 118
turbinea 118
- Malpighia Family* 151
- Malpighiaceae* 151
- Malvaceae* 152, 229, 315
Malvaviscus Cutтерi 315
- Mameicillo* 252
Mameicillo blanco 215
- Manettia asperifolia* 270
Bangii 271
calycosa 275
calycosa var. *latifolia* 275
congesta 274
corticifer 277
cryptantha 271
echitidea 276
hispida 270
Lehmanni 271, 272
modica 275
paniculata 273
Pearcei 276
peruviana 274
rivulorum 275
Schunkei 273
suratensis 276
thysanophora 275
tomentulosa 273
- Manettia vacillans* 272
veronicoides 272
- Mangle colorado* 234
- Marshallfieldia* 175
corallina 176
- Matayba ingaefolia* 224
- Matisia obliquifolia* 232
- Maxonia apiifolia* 145
- Meesea Ulei* 349, 355
- Meeseaceae* 355
- Meibomia angustata* 214
Painteri 214
pallida 214
Robinsonii 214
- Melampodium divaricatum* 158
- Melananthus guatemalensis* 323
- Melastoma cordata* 175
- Melastomaceae* 155, 228, 244, 318
- Melastome Family* 155
- Meliaceae* 215
- Menispermaceae* 305
- Meriania* 176
speciosa 177
Weberbaueri 176
- Merianiae* 176
- Meteoriaceae* 356
- Meteoriopsis patula* 357
- Meteorium illecebrense* 356
- Mexianthus* 198
- Miconia Adrieni* 180
alpina 188
asperrima 183
Aspiazui 190
brevis 188
bullata 189
capitellata 183
dichrophylla 189, 190
Duckei 180
flavesiensis 185
floribunda 182
fruticulosa 188
fulva 190
glaberima 184
glaberrima var. *australis* 184
Griffissii 188
habrolepis 319
hamata 183
hirta 183
juruensis 180
lepidota 190
lilacina 185
Malatestae 181
micrantha 186
Miles-Morgani 184
modica 182
nectaria 190
nervosa 181
nervosa var. *mediana* 181
opacifolia 184
Ottikeri 185
peruviana 184

- Miconia polygama 188
prasinia 180
pseudo-nervosa 181
Pulgari 182
radula 183
ramosipila 185
Ruizii 183
saxatilis 186
scabra 183
scutata 181
setinodis 187
sphagnophila 183
stipularis 181
sulcata 186
trichocaula 189
theaezans var. *longifolia* 187
theaezans var. *tetragona* 187
theaezans subsp. *viridis* var. *longifolia*
 187
theaezans subsp. *flavescens* var. *tetra-*
gona 187
thyrsoidea 189
trichogona 187
trichrona 183
valida 186
vitiflora 187
Wagneri 179
Miconiae 191
Microdon 100
Micromitrium Schlumbergeri 356
Microschwenkia guatemalensis 323
Microtea debilis 149
Microthamnium scalpellifolium 360
thelistegum 360
Mielichhoferia boliviiana 132
campylotheca 132
cygnicola 132
longipes 132
Milkweed Family 155
Mimosa Family 150
tergemina 309
Mimosaceae 150
Mistletoe cactus 154
Mittenothamnium reptans 135
Mnium ligulatum 133
Mollinedia Butleriana 306
guatemalensis 306
Monimiaceae 306
Monochaetum Bonplandii 175
canescens 175
dicranantherum 175
glanduliferum 175
pauciflorum 175
subditivum 175
villosum 175
Monrichardia arborescens 147
Moraceae 148, 201, 301
Morinda mesochora 345
panamensis 345
Roioc 345
Morning-glory Family 155
Mountain jasmine 253
Muchci 82
Muehlenbeckia 114
adpressa 114
australis 115
axillaris 115
chilensis 116
chilensis var. *fascicularis* 116
chilensis var. *injucunda* 116
complexa 115
ephedrioides 115
leptobotrys 116
peruviana 117
platyclados 115
polygonoides 115
rupestris 115
rupestris var. *nivalis* 116
sagittifolia 116
Steubelia 116
tannifolia 116
tannifolia var. *Hartwegii* 116
tannifolia var. *laxiflora* 117
tiliaefolia 117
volcanica 115
vulcanica 116
Mulberry Family 148
Muntingia 228
Musaceae 147
Mussaendeae 271
Myrcia gatunensis 154
Myristicaceae 209
Myrsinaceae 248
Myrtaceae 154, 242, 317
Myrtle Family 154

Nance 151
Neckeraceae 357
Neckeropsis undulata 357
Neea acuminatissima 304
laetevirens 204
Pittieri 204
psychotrioides 305
urophylla 203, 305
Nemastylis Lehmannii 199
tenuis 200
Neosabicea Lehmannii 271
Nephrolepis biserrata 145
Nettle Family 148
Nigua 288
Nispero 252
Nispero colorado 252
Nissolia fruticosa 90
Nyctaginaceae 203, 304

Ochna Family 153
Ochnaceae 153
Ochroma boliviiana 91
Lagopus 91
Octoblepharum albidum 125, 352
pulvinatum 352
Odostemon longipes 205
quinquefolius 205

- O Higginsia obovata* 281
verticillata 281
- Olacaceae* 149
- Olax* Family 149
- Oligotrichum erosum* 134
- Onagraceae* 155, 248
- Orchid* Family 148
- Orchidaceae* 148
- Oregandra* 265
panamensis 265
- Oreocarya* 122
- Orobus fruticosus* 88
tomentosus 88
- Orthorrhyncha* 15
- Orthostichopsis tetragona* 356
- Orthotrichaceae* 355
- Orthotrichum aequatorium* 131
aristatum 132
pariatum 132
- Osteomeles* 81
anthyllidifolia 81
- Ostrya guatemalensis* 192, 193
italica subsp. *virginiana* var. *guate-malensis* 193
mexicana 192, 193
virginica var. *glandulosa* 192
virginiana 192
virginiana f. *glandulosa* 192
virginiana var. *glandulosa* 192
virginiana var. *guatemalensis* 193
- Othake* 123
sphacelatum 124
- Oxandra* 171
pachypetala 171
- Oxybaphus longipes* 204
suffruticosus 204
- Palafoxia* 123
Feayi 123
Hookeriana β *subradiata* 124
integrifolia 123
- Palafoxianae* 123
- Palicourea* 342
consobrina 339, 340
Herrerae 339, 340
Kanehirae 337
laevis 336
Lechleri 338
longistipula 336
Macbridei 336, 338
saligna 340
Seemannii 337
- Palm* Family 146
- Palo de balsa* 91
- Panicum barbinode* 146
fasciculatum 146
geminatum 146
megiston 146
zizanioides 146
- Papillaria appressa* 356
nigrescens 356
- Parathesis obovata* 250
reflexa 249
- Parmentiera edulis* 263
macrophylla 263
- Parosela* 100
astragalina 109
ayavacensis 86, 111
azurea 107
boliviiana 106
boliviiana var. *Herrerae* 106
calliantha 108
calocalyx 104
catatona 105
coerulea 110
cylindrica 112
elegans 109
emphysodes 99, 102
eosina 109
exilis 103
Fieldii 111
galbina 104
Hofstenii 108
humifusa 105
humifusa var. *anatona* 105
Jamesonii 112
Killipii 110
Kuntzei 112
microphylla 99, 103
microphylla var. *brevis* 103
multifoliolata 99
myriadenia 108
nova 110
oblongifolia 109
onobrychooides 109
Onobrychis 108
pazensis 108
Pennellii 107
peruviana 106
pilocarpa 99
rubricaulis 112
sericophylla 105
sulfurea 104
trichocalyx 102
vicina 103
Weberbaueri 105
- Parsley* Family 155
- Parsonia salvadorensis* 238
- Paspalum decumbens* 146
saccharoides 146
- Passiflora biflora* 154
hispida 154
- Passifloraceae* 154
- Passionflower* Family 154
- Paullinia pinnata* 151
- Pausandra extorris* 219
Morisiana 219
- Pavonia amplifolia* 230
chiapensis 231
fulva 231
- Maxonii* 231
nepetaefolia 231

- Pavonia Ortegiana* 231
penduliflora 231
Penninervia 90
Pentagonia peruviana 326
Peperomia mameiana 148
Pepper Family 148
Perebea glabrata 201
 Markhamiana 201
Philodendron panamense 147
Philonotis sphaericarpa 355
 tenella 354, 355
 uncinata 354
Phoenicaceae 146
Photinia mexicana 211
 oblongifolia 210
Phragmites communis 146
Phryganocycla brevicalyx 261
 corymbosa 262
Physalis pubescens 156
Phytolacca rivinoides 149
Phytolaccaceae 149
Pichypang 225
Pickerelweed 147
Pickerelweed Family 147
Pie de pájaro 269
Pigweed 149
Pigweed Family 149
Pilopogon gracilis 125
Pilotrichella rigida 356
Pineapple Family 147
Pinzona 233
Piper breve 148
 peltatum 148
 peracuminatum 148
Piperaceae 148
Pithecolobium belizense 212
 Conzattii 212
 guatemalense 308
Langlasssei 308
leucocalyx 308
longifolium 212
Peckii 212
pseudo-tamarindus 212
Recordii 212
rufescens 150
scopulinum 212
Tonduzii 308
Pito 310
Plagiobothrys 119
 canescens 119, 120
 congestus 119
 fulvus 120, 121
Kunthii 119
microcarpa 119
Parishi 119
patagonicus 122
Piperi 119
pygmaeus 119
Torreyi 122
verrucosa 122
Plagiotheciaceae 359

- Plagiothecium denticulatum* 135
Pleroma maurocarpum 174
Plukenetia angustifolia 314
 penninervia 314
Plumeria microcalyx 254
Poaceae 145
Pogonatum abbreviatum 134
 campylocarpum 134
 oligodon 134
Poison dogwood 235
Poison ivy 56
Pokeweed 149
Pokeweed Family 149
Polvo de queso 213
Polybotrya villosula 145
Polygala Family 151
 paniculata 151
Polygalaceae 151
Polygonaceae 149, 203, 303
Polygonum aceto-saefolium 116
 adpressum 114
 axillare 115
 complexum 115
 diclinum 115
 fruticosum 115
 platycladum 115
 tannifolium 116
 volcanicum 115
Polypodiaceae 144
Polypodium costaricense 145
 phyllitidis 145
Polyptychus Family 144
Polypterus 123
 integrifolia 123
 sphacelata 124
Polytrichaceae 361
Polytrichadelphus aristatus 134
 umbrosus 134
Polytrichum antillarum 134
 aristifolium 134
Pondapple 149
Pontederia cordata 147
Pontederiaceae 147
Porcelia stenopetala 206
Porotrichum longirostrum 135
 plicatum 357
Potato Family 156
Pottiaceae 353
Pourouma aspera 148
Pouzolzia obliqua 148
Prestonia ipomoeifolia 155
Prionodon boliviensis 135
Prosanerpis panamensis 245
 trichocalyx 245
Protium panamense 151
Psilocarya 165, 166
Psoralea azurea 107
 carthagrenensis 99
 divaricata 85
emphysodes 102
Featherstonei 84, 114

- Psoralea glandulosa* 83
lasiostachys 83
lutea 83
marginata 83, 113
mexicana 83
maleolens 82
munyensis 84
potens 85, 114
pubescens 84, 85
remotiflora 113, 114
yurensis 84, 114
- Psychotria abdita* 340
carthaginensis 157
Cooperi 296
crebrinervia 343
hebeclada 157
horridula 335
Mathewsi 342
Mexiae 296
multiplex 335
pallens 343
phyllocalymma 336
pubescens 344
retifera 342
simiarum 344
spathicalyx 335
Tessmannii 341
- Pteris grandifolia* 145
Kunzeana 145
propinqua 145
pungens 145
- Pterobryaceae* 356
- Pterocarpus Hayesii* 150
- Quararibea asterolepis* 152
parvifolia 232
- Quiina jamaicensis* 236
panamensis 236
- Quiinaceae* 236
- Rafflesia Family* 149
- Rafflesiaceae* 149
- Randia armata* 289
aurantiaca 327
cinicina 288
formosa 158
panamensis 288
Tessmannii 327
- Rauia subcatenulata* 358
- Rauwolfia macrocarpa* 254
purpurascens 255
- Relbunium glaberrimum* 297
nitidum 298
- Rhacopilaceae* 356
- Rhacopilum tomentosum* 135
- Rhamnaceae* 224, 315
- Rhamnidium caloneuron* 224
- Raphidorrhynchium obliquerostratum* 359
- Rhexia Bonplandii* 175
canescens 175
- Rhipsalis cassutha* 154
- Rhizogoniaceae* 355
- Rhizogonium spiniforme* 355
- Rhizophoraceae* 241
- Rhodobryum Beyrichianum* 133, 355
caulifolium 133
- Rhus* 55, 57
allophyloides 220
Blodgettii 61
divaricata 69
diversiloba 59, 66, 70
diversiloba f. radicans 61
eximia 69
floridana 68
Greenei 69
littoralis 61
lobata 59
microcarpa 61
quercifolia 58, 66, 70
radicans 68
rhomboidea 62
Rydbergii 62
terebinthifolia 221
- Toxicodendron* 55, 61, 62, 66, 70
Toxicodendron var. *eximia* 69
Toxicodendron f. malacotrichocarpum 69
Toxicodendron var. *microcarpa* 61
Toxicodendron var. *quercifolium* 58
Toxicodendron f. radicans 68
Toxicodendron Rydbergii 61
- Rhynchosia apoloensis* 91
ixodes 214
melanosticta 91
Pittieri 214
tarpantha 214
- Rhynchospora* 165
- Rhynchostegiopsis flexuosa* 358
- Rhynchostegium aquaticum* 136
conchophyllum 136
leptomerocarpum 359
patulum 349, 358
scariosum 137
- Rivina humilis* 149
- Rigidium implexum* 136
- Robinianae* 88
- Rollinia microsepala* 208
mucosa 208, 209
permensis 208
- Rondeletia* 341
aetheocalymna 267, 268
bertieroides 267, 268
Cooperi 267
- Rosaceae* 210
- Rubiaceae* 157, 264, 324
- Ruellia praeculta* 263
- Rudgea Sprucei* 333
- Rue Family* 151
- Rumex hastulatus* 116

- Rutaceae 151
Rynchospora 165, 166
alba 166
alta 166
barbata 165
corymbosa 146
ebracteata 165
ferruginea 166
glaуca 166
globosa 166
Kukenthallii 167
Lechleri 167
macrochaeta 167
Mandonii 167
polyphylla 167
rigida 165
Ruiziana 167
Ruiziana var. *triceps* 167
semiinvolucrata 167
spicata 168
triceps 167
Uleana 167
umbraticola 167
Weberbaueri 165, 167
- Saba 209
Sagittaria lancifolia 145
St. Johnswort Family 153
Salacia megistophylla 222
Samanea leucoxylon 308
Sapindaceae 151, 223
Sapium aucuparium 151
jamaicense 151
Sapodilla Family 155
Sapotaceae 155, 251
Sapranthus 205
stenopetalus 206
- Sarcogonium* 114
fruticulosum 115
tamnifolium 116
- Saurauia Englesingii* 233
Schizocalyx bracteosus 267
hirsutus 266
- Schlototheimia Sartorii* 356
- Schoenus albus* 166
globosus 166
polyphyllus 167
- Schradera acuminata* 286
cacuminis 286
capitata 286
exotica 286
revoluta 287
- Schwenckia* 323
Scirpus cubensis 146
Scleria mitis 146
paludosa 146
pleostachya 168
spicata 168
- Scutellaria racemosa* 257
Sematophyllaceae 359
Sematophyllum chrysocladum 360
- Sematophyllum cyparissoides* 136
galipense 359
Kegelianum 359
loxense 359
- Senna Family* 150
Sericotheca pachydisca 210
Schaffneri 210
velutina 210
- Setaria paniculifera* 146
Sickingia 265
Maxonii 325
Sloanea anisophylla 228
longicuspis 229
microcephala 152
- Soapberry Family* 151
Solanaceae 156, 258, 320
Solanum asperum 156
Donnell-Smithii 156
Kenoyerii 157
Mexiae 261
nigrum 157
Shannonii 321
unguis-cati 320
- Solidago* 6
emarginata 7
- Sommaq* 55
Sonnea 119
Spennera dysophylla 175
Sphacele pinetorum 257
pinetorum f. *flaviflora* 258
- Sphinctanthus* 327
Splachnaceae 353
Splachnobryum Bernoullii 353
Sporobolus indicus 146
Spurge Family 151
Squamidium rotundifolium 135
Stachytarpheta jamaicensis f. *albiflora*
luisana 256
- Staphyleaceae* 152
Star-apple 155
Stelis 148
- Stemmadenia macrantha* 253
Stenanona 205
panamensis 205
- Stenophyllus arenarius* 167
capillaris var. *ciliatus* 167
eu-capillaris *ciliata* 167
- scaber* 167
tenuifolius 167
tenuifolius var. *latesquamata* 167
- Stenorhynchus* 148
Stenostomum paniculatum 293
Stereophyllum turgidulum 359
Stevia sphacelata 124
- Stigmaphylion ellipticum* 151
Streptopogon erythrodontus 127
Struthanthus costaricensis 202
polystachyus 203
- Suaeda Fernaldii* 203
mexicana 203

- Sumach 55
 Sweet-potato 155
Syrrhopodon incompletus 352
- Taonabo Pringlei* 234
Taxithelium planum 360
Tayloria Jamesoni 132
 magellanica 132
Tephrosia 89
arcuata 213
cuernavacana 87
diversifolia 87
lanata var. *velutina* 87
onobrychooides 193
onobrychooides var. *texana* 193
platyphylla 214
Pringlei 87
sericea 87, 214
tepicana 214
toxicaria 86
Watsoniana 87, 214
- Terebinthus arida* 217
biflora 217
longipes 217
subrufoliata 217
- Ternstroemia Pringlei* 234
- Tetracerá oblongata* 153
sessiliflora 153
- Tetragastris panamensis* 217
Stevensonii 216
- Tetrorchidium andinum* 219
euryphyllum 219
- Theaceae 234
- Thuidiaceae 358
Thuidium delicatulum 358
 involvens 358
miradoricum 358
peruvianum 135
- Thysanopterum Richardii* 125
- Tibouchina longifolia* 174
 longifolia var. *simulans* 174
maurocarpa 174
pleromoides 174
stenopetala 174
- Tiliaceae 226, 228
- Tillandsia compressa* 147
fasciculata 147
- Tithymalus penicillatus* 95
raphanorrhizus 95
- Tococa grandifolia* 319
platyphylla 319
spadiciflora 178
undabunda 177
- Tontanea hispidula* 281
pleuropoda 281
- Topobea* 179
- Torchwood Family 151
- Tortula affinis* 127
fragilis 127
pinchinicensis 127
subobliqua 128, 137
- Tovomitopsis multiflora* 234
nicaraguensis 234
- Toxicodendron* 57
aboriginum 62
arizonicum 62
biternatum 69
comarophyllum 59
compactum 58
coriaceum 59
desertorum 62
divaricatum 61, 69
diversilobum 59
dryophyllum 61
eximium 69
Fothergilloides 62
glabrum 68
goniocarpum 68
hesperium 62
isophyllum 59
laetevirens 68
lobadiooides 62
longipes 62
macrocarpum 62
monticola 58
Negundo 62
oxycarpum 59
phaseoloides 68
pubescens 68
pumilum 62
punctatum 62
quercifolium 58
radicans a *normale* 68
rhomboideum 62
rufescens 62
Rydbergii 62
Toxicodendron 62
triphylon 57
vaccinum 59
vulgare 68
- Tradescantia cumanensis* 147
- Tree Fern Family 144
- Trematodon reflexus* 351
- Trichilia breviflora* 216
- Trichomanes diversifrons* 145
- Trichosteleum microcarpum* 360
- Trichostomum jamaicense* 353
- Triphora cubensis* 148
- Trophis chorizantha* 302
racemosa 303
- Tuberulatae* 104
- Turpinia paniculata* 152
- Umbellatae 177
- Umbelliferae 155
- Unonopsis Pittieri* 149
- Uragoga domingensis* 335
domingensis var. *Fuertestii* 335
guianensis 335
Kappeleri 335
silvicola 336
- Urceolaria exotica* 286
- Urticaceae 148

- Valerianoides luisanum* 256
Veatchia discolor var. *pubescens* 217
Verbenaa Family 156
 pumila f. *albiflora* 256
Verbenaceae 156, 256, 320
Verbesina myriocephala 158
Vescicularia amphibola 360
Vicia fruticosa 88
Vigna vexillata 150
Vincetoxicum stenanthum 255
Violaceae 236
Virola guatemalensis 210
 laevigata 209
Vismia latifolia 153
Vitaceae 152, 225
Vitex Cooperi 256
 floridula 257
- Warscewiczia coccinea* 158
Water-plantain Family 145
Webera Costesii 133
 spectabilis 133
White cacique 243
Wild calabash 263
 coffee 225
 cucumber 259
 jasmine 254
 sapote 251
 tamarind 212
- Xanthium* 1, 12
 abyssinicum 16
 acerosum 43
 acutilobum 6, 35
 acutum 31
 affine 31
 americanum 2, 3, 22, 23
 antiquorum 16, 17
 arcuatum 4, 25
 australe 37
 brasiliicum 37
 brevirostre 16
 bubalocarpon 5, 47, 48
 californicum 35
 calvum 35
 campestre 46, 49
 canadense 2, 17, 20, 26, 46, 47
 carolinense 17
 Cavanillesii 40
 cenchroides 30
 chinense 17, 20, 21, 22, 23, 26, 27, 37,
 40
 commune 29, 40, 43
 commune var. *Wootoni* 28
 crassifolium 5, 35
 cuneatum 26
 curvescens 25, 27
 cylindricum 4, 23
 discolor 16, 21
 echinatum 23, 26, 38, 40, 42
 elatius 26
- Xanthium eriocarpum* 17
 glabratum 17
 glanduliferum 40, 43
 globosum 23
 homothalamum 37
 inaequilaterum 17
 inflexum 30
 italicum 27, 29, 40, 42, 43, 44
 laevigatum 45
 leptocarpum 3, 27, 28
 leucocarpum 17
 longirostre 17, 22, 37
Macounii 40, 43
macrocarpum 26
macrocarpum var. *glabratum* 17
maculatum 38, 40
majus americanum 26
majus canadense 20, 26
occidentale 17, 22, 23
oligacanthum 4, 28, 29
orientale 2, 20, 26
oviforme 44, 45, 46, 47, 48, 49
palustre 36
pennsylvanicum 2, 3, 22, 31, 43, 44,
 45
pennsylvanicum var. *eglandulosum* 31,
 34
pennsylvanicum var. *glandulosum* 31,
 34
priscorum 16, 17
pungens 17, 22, 23, 45
riparium 39
Roxburghii 16
saccharatum 31, 34
silphiifolium 44, 45, 46, 47
spinulosum 1, 14, 27, 44, 46, 47, 48
strumarium 2, 17, 20, 21, 23, 47
strumarium var. *antiquorum* 16
strumarium var. *brasiliicum* 37
varians 40, 43
Wootoni 19, 28
xanthocarpum 1, 14, 45
Xanthosoma pilosum 147
Xylopia frutescens 149
Xylosma Hemsleyana 149, 153
sylvicola 316
- Zanthoxylum microcarpum* 151
setulosum 151
Zephyranthes brevipes 199
 carinata 199
 carinata var. *brevipes* 199
sessilis 199
Zuelania Rousoviae 153
Zygia Conzaltii 212
 Peckii 212
 Recordii 212
 scopulina 212
Zygodon linearifolius 130
 longisetus 130, 138
 petrophilus 131, 138







UNIVERSITY OF ILLINOIS-URBANA

580.5FB C001
FIELDIANA. BOTANY\$CHICAGO

4



3 0112 009379188